

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 05-173354

(43)Date of publication of application : 13.07.1993

(51)Int.Cl. G03G 9/08

(21)Application number : 03-338234

(71)Applicant : FUJITSU LTD

(22)Date of filing : 20.12.1991

(72)Inventor : KO KATSUJI

KASHIWAKAWA TAKAHIRO

(54) ELECTROPHOTOGRAPHIC DEVELOPER

(57)Abstract:

PURPOSE: To provide an electrophotographic developer which enables fast fixing, has excellent offset resistance, and causes no drum filming nor carrier filming of a toner by using a wax having specified heat of fusion and glass transition temp. as an additive for the toner. CONSTITUTION: The wax used is a polyolefin having ≤ 10 cal/g heat of fusion, $55-70^{\circ}$ C glass transition temp., and $110-190^{\circ}$ C softening point. The wax is added by preferably 0.1-10wt.%. As for the toner binder resin, an epoxy resin, styrene-acrylate copolymer, polyester resin, and polyurethane resin are used. It is preferable that the binder resin has $80-130^{\circ}$ C softening point. Further, a gold-contg. dye, fatty acid ester, or comd. containing an amino group may be added as a charge controlling agent.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C): 1998,2000 Japanese Patent Office